

**PAKISTAN'S FIRST
REMOTE SENSING SATELLITE**



SUPARCO

First Day of Issue



PAKISTAN POST

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PAKISTAN'S FIRST REMOTE SENSING SATELLITES

COMMEMORATIVE POSTAGE STAMP

July 09, 2019

SALIENT FEATURES

Size of Stamp	: 50.5 x 35 mm
Size of Print	: 46.5 x 31 mm
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1. As the national space agency of Pakistan, SUPARCO is currently pursuing a multifaceted space programme. The National Space Programme-2047 envisages the launch of multiple kinds of satellites to ensure guaranteed access to space and accrue its benefits for socio-economic development of country. In this vein, the launch of remote sensing satellites is an historic and unmatched feat, for it entails space-enabled natural resource inventorying and monitoring, environmental monitoring, disaster risk reduction and mitigation, urban planning and rural development, besides saving a vast sum of foreign exchange.

2. On 9 July 2018, Pakistan successfully launched two remote sensing satellites, called Pakistan Remote Sensing Satellite-1 (PRSS-1) and Pakistan Technology Evaluation Satellite-1A (PakTES-1A) from China. The successful launch of the said satellites has further strengthened space cooperation between Pakistan and China. The timely launch of these satellites was a result of untiring efforts of engineers and scientists of SUPARCO.

3. PRSS-1 is tailored to meet Pakistan's needs for high-resolution imagery required by commercial/strategic users for socio-economic development of the country, especially in the fields of land mapping, agriculture classification and assessment, urban and rural planning, environmental monitoring, natural disaster management and water resource management. PRSS-1 is also being used for providing remote sensing information for CPEC monitoring.

4. Similarly, PakTES-1A is an indigenous satellite equipped with an optical payload commensurate with national socioeconomic and national security needs. The main objective of PakTES-1A is to achieve strategic breakthrough towards indigenisation of design and development of various types of satellites. The project was implemented by SUPARCO through local know-how and capability acquired over the course of past three decades. PakTES-1A is covering the entire globe for earth observation and is capable of producing 2.4 metres resolution optical images of the planet. The launch and successful in-orbit operationalisation of the satellite is a landmark technological feat in the space journey of Pakistan.

5. The launch of the said satellites has made the nation self-reliant in addressing a myriad of socioeconomic and strategic security challenges. These include effects of climate change, natural and anthropogenic disasters, crop infestation, outbreak of epidemics, urban sprawl, water and other natural resources mismanagement, border security and smuggling etc. The data collected from these satellites shall provide information essential to forecast weather, assess environmental hazards, manage natural resources, and improve our understanding of climate. It will also aid the ongoing national afforestation campaign and identify suitable freshwater storage sites. In addition, the experience and know-how gained by the engineers and scientists of SUPARCO in the design and development of satellites has greatly augmented their technical skills and expertise, ready to be harnessed in future satellite projects.

On the occasion of Launching of Pakistan's First Remote Sensing Satellites, a Commemorative Postage Stamp of Rs. 20/- denomination is being issued by Pakistan Post on July 09, 2019.

TERMS OF SALE

The Commemorative Postage Stamps will be available for sale from July 09, 2019. at all important Post Offices in the country.

Overseas orders for Stamps, First Day of Issue Covers and Leaflets should be addressed to the Manager, Philatelic Bureau, Karachi GPO or Manager, National Philatelic Bureau, Islamabad GPO, accompanied by a Bank Draft or Crossed Cheque encashable in Pakistan.

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